

effect, notwithstanding any inconsistency between such leases and the rules applicable to spectrum leasing arrangements set forth in this chapter. Such leases entered into pursuant to the former part 74 rules of this chapter may be renewed and assigned in accordance with the terms of such lease. All spectrum leasing arrangements leases entered into after January 10, 2005, pursuant to the rules set forth in part 1 and part 27 of this chapter, must comply with the rules in those parts.

§ 27.1215 BRS grandfathered leases.

(a) All leases of current BRS spectrum entered into prior to January 10, 2005 and in compliance with rules formerly contained in part 21 of this chapter may continue in force and effect, notwithstanding any inconsistency between such leases and the rules applicable to spectrum leasing arrangements set forth in this chapter. Such leases entered into pursuant to the former part 21 of this chapter may be renewed and assigned in accordance with the terms of such lease. All spectrum leasing arrangements leases entered into after January 10, 2005, pursuant to the rules set forth in part 1 and part 27 of this chapter must comply with the rules in those parts.

TECHNICAL STANDARDS

§ 27.1220 Transmission standards.

The width of a channel in the LBS and UBS is 5.5 MHz, with the exception of BRS channels 1 and 2 which are 6.0 MHz. The width of all channels in the MBS is 6 MHz. However, the licensee may subchannelize its authorized bandwidth, provided that digital modulation is employed and the aggregate power does not exceed the authorized power for the channel. The licensee may also, jointly with other licensees, transmit utilizing bandwidth in excess of its authorized bandwidth, provided that digital modulation is employed, all power spectral density requirements set forth in this part are met and the out-of-band emissions restrictions set forth in § 27.53 are met at the edges of the channels employed.

§ 27.1221 Interference protection.

(a) Interference protection will be afforded to BRS on a station by station basis based on the heights of the stations in the LBS and UBS and also on height benchmarking, although the heights of antennas utilized are not restricted.

(b) *Height Benchmarking.* Height benchmarking is defined for pairs of base stations, one in each of two neighboring service areas. The height benchmark for a particular station in a service area relative to a base station in an adjacent service area is the distance squared between the station and the GSA service area boundary measured along the radial between the respective stations, divided by 17. That is, the height benchmark is $h_b = D^2/17$. Interference protection will be afforded on a station by station basis based on the actual antenna height above the radial average terrain (calculated along the straight line between the two base stations in accordance with § 24.53(b) and (c) of this chapter) and this height benchmark.

(c) *Protection for a Receiving-Antenna not Exceeding the Height Benchmark.* A base station receive-antenna with an HAAT less than or equal to the height benchmark relative to a neighbor's transmitting base station will be protected if that station's HAAT exceeds its height benchmark. That station is required to take such measures to limit the undesired signal at the receiving base station to -109dBm or less.

(d) *No Protection from a Transmitting-Antenna not Exceeding the Height Benchmark.* A base station transmitting-antenna with an HAAT less than or equal to the height benchmark relative to a neighbor's receiving antenna is not required to protect that receiving station, regardless of the HAAT of that station.

(e) *No Protection for a Receiving-Antenna Exceeding the Height Benchmark.* A base station transmitting-antenna with an HAAT greater than the height benchmark relative to a neighbor's receiving antenna is not required to protect that receiving antenna if its

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HAAT is greater than its height benchmark.

[69 FR 72034, Dec. 10, 2004, as amended at 70 FR 1190, Jan. 6, 2005]

§ 27.1222 Operations in the 2568–2572 and 2614–2618 bands.

All operations in the 2568–2572 and 2614–2618 MHz bands shall be secondary to adjacent-channel operations. Stations operating in the 2568–2572 and 2614–2618 MHz must not cause interference to licensees in operation in the LBS, MBS, and UBS and must accept any interference from any station operating in the LBS, MBS, and UBS in compliance with the rules established in this subpart. Stations operating in the 2568–2572 and 2614–2618 bands may cause interference to stations in operation in the LBS, MBS, and UBS if the affected licensees consent to such interference.

POLICIES GOVERNING THE TRANSITION OF THE 2500–2690 MHz BAND FOR BRS AND EBS

§ 27.1230 Conversion of the 2500–2690 MHz band.

BRS and EBS licensees in the 2500–2690 MHz band on the pre-transition A–I Channels will be transitioned from the frequencies assigned to them under § 27.5(i)(1) to the frequencies assigned to them under § 27.5(i)(2). The transition, which will be undertaken by one or more proponent(s), will occur in the following five phases: initiating the transition process (see § 27.1231), planning the transition (see § 27.1232), reimbursing transition costs (see § 27.1233), terminating existing operations in transitioned markets that do not comport with § 27.5(i)(2) (see § 27.1234), and filing the post-transition notification (see § 27.1235).

§ 27.1231 Initiating the transition.

(a) The transition will occur by MEA. MEAs are based on the U.S. Department of Commerce's 172 Economic Area (EAs). There are 52 MEAs composed of one or more EAs. Additionally, there are three EA-like areas: Guam and Northern Mariana Islands; Puerto Rico and the U.S. Virgin Islands; and American Samoa, which will also be transitioned to the band plan in

§ 27.5(i)(2). The MEA associated with the Gulf of Mexico will not be transitioned. MEAs are identified in the Table to § 27.6(a).

(b) Sections 27.1231 through 27.1235 apply only to transitions initiated by a proponent(s) within 3 years of January 10, 2005.

(c) When a proponent(s) is a Basic Trading Area (BTA) BRS licensee that is located in more than one MEA, the proponent(s) may elect to transition only one MEA or may elect to transition two or more MEAs that overlap the proponent(s)'s BTA.

(d) A proponent(s) may be an EBS or BRS licensee or an EBS lessee. To initiate a transition, a proponent(s) must submit the following information to the Commission at the Office of the Secretary in Washington, DC:

(1) A list of the MEA(s) that the proponent(s) is transitioning;

(2) A list by call sign of all of the BRS and EBS licensees in the MEA(s) that are being transitioned;

(3) A statement indicating that the engineering analysis to transition all of the BRS and EBS licensees in the MEA(s) has been completed;

(4) A statement indicating when the transition will be completed;

(5) A statement indicating that an agreement has been concluded with the proponent(s) of the adjoining or adjacent MEA(s) when the engineering analysis indicates that a licensee or licensees in an adjacent or adjoining MEA must be transitioned to avoid interference to licensees in the MEA being transitioned, or in lieu of an agreement, the proponent(s) may provide an alternative means of transitioning the licensees in an adjacent or adjoining MEA;

(6) A statement indicating that an agreement has been concluded with another proponent(s) on how a MEA will be transitioned when there are two or more proponents seeking to transition the same MEA and a statement that identifies the specific portion of the MEA each proponent will be responsible for transitioning; and

(7) A certification that it has the funds available to pay the reasonable expected costs of the transition based on the information contained in the